Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims:

1. (previously presented) A method of measuring an absorbed dose of ionizing radiation using a measuring device that bears an integral identification mark, comprising the steps of:

providing a support;

coating on said support a first region for measuring an absorbed dose of ionizing radiation, said region comprising a binder and alanine;

disposing on said support a second region that bears an integral identification mark;

exposing at least the first region to a dose of ionizing radiation, wherein the alanine, upon exposure to ionizing radiation, produces radicals; and

detecting the radicals in the first region.

2. (original) The method of claim 1 further comprising a step of revealing the identification mark in the second region.

3. (previously presented) The method of claim 1 further comprising a step of deciphering the identification mark in the second region.

4. (original) The method of claim 1 wherein the identification mark is a bar code, a series of alpha-numeric characters or a combination thereof.

5. (original) The method of claim 1 wherein the identification mark is on a substrate.

6. (original) The method of claim 5 wherein the substrate for the identification mark is a label.

7. (original) The method of claim 5 wherein the substrate for the identification mark is an intermediate layer and a dark-colored layer coated directly onto the support.

8. (currently amended) The method of claim ~~54~~ wherein the substrate for the identification mark extends partially over the alanine-containing layer.

9. (previously presented) The method of claim 2 wherein the identification mark is revealed through the use of a laser.

10. (original) The method of claim 1 wherein the identification mark is printed onto a strip.

11 (canceled)

12. (previously presented) The method of claim 1 wherein the radicals remain stable for long periods of time.

13. (original) The method of claim 1 wherein the support is flexible.

14. (previously presented) The method of claim 1 wherein the alanine is in crystalline form.

15. (original) The method of claim 14 wherein the crystalline alanine comprises particles less than 100 micróns in size.

16. (previously presented) The method of claim 1 wherein the coated first region is between 100 and 200 microns thick.

17. (previously presented) A dosimeter comprising:
a support;

at least one first region disposed on said support, the first region containing alanine and a binder;

at least one second region disposed on said support;

wherein the first region is for measuring an absorbed dose of ionizing radiation and the second region bears an identification mark on a substrate.

18. (previously presented) The dosimeter of claim 17 wherein the identification mark is a bar code, a series of alpha-numeric characters or a combination thereof.

19. (previously presented) The dosimeter of claim 17 wherein the substrate for the identification mark is a label.

20. (previously presented) The dosimeter of claim 17 wherein the substrate for the identification mark is a label which is adhered to the support by means of a thermally activated adhesive.

21. (previously presented) The dosimeter of claim 17 wherein the substrate for the identification mark is a label the topmost surface of which is coated with an intermediate layer and a dark-colored layer.

22. (previously presented) The dosimeter of claim 17 wherein the substrate for the identification mark is a label the topmost surface of which is coated with an intermediate layer and a dark-colored layer which is black.

23. (previously presented) The dosimeter of claim 17 wherein the substrate for the identification mark is an intermediate layer and a dark-colored layer coated directly onto the support.

24. (previously presented) The dosimeter of claim 17 wherein the substrate for the identification mark extends partially over the alanine-containing layer.

25. (previously presented) The dosimeter of claim 17 wherein the identification mark is uncovered/revealed through the use of a laser.

26. (previously presented) The dosimeter of claim 17 wherein the identification mark is printed onto a strip.